

REMARKS

Claims 1-13 remain in the application including independent claims 1 and 10. New claims 14-20 have been added.

Claims 1-9 stand rejected under 35 U.S.C. 102(b) as being anticipated by Divan (US5272616). Please note that in the argument section, the examiner refers to the reference as "Maeda," and not Divan. Applicant's response is formulated on the assumption that the examiner was referring to Divan (US5272616) and not Maeda (US 4644241) in the examiner's explanation of the rejection. Claim 1 includes the steps of converting single phase alternating current into three-phase alternating current and powering vehicle systems with this three-phase alternating current. This is not shown in Divan. There is no mention of powering any type of vehicle system in Divan.

The examiner provides only a general reference to the abstract and Figure 1 but no indication of how the several claimed features are met. A general reference to the abstract and Figure 1 without any further explanation is insufficient to support the examiner's argument that Divan anticipates claim 1. Applicant respectfully requests a more detailed explanation of the examiner's rejection.

Divan also does not anticipate any of the dependent claims 2-9. For example, claim 7 includes the step of producing single phase AC from a thirty-six volt battery power system and claim 8 includes the providing of a single line for the single phase AC with three different tapping locations to create the three different paths. Divan does not disclose these features. Applicant respectfully requests an explanation as to where in Divan the features of dependent claims 2-9 are taught.

Claims 10-13 stand rejected under 35 U.S.C. 103(a) as being anticipated by Yamanaka (US6058032). Claim 10 includes the features of a direct current source; a single pulse width modulation generator for converting direct current to alternating current to provide one power supply path of alternating current having a first phase; a splitter for splitting said one power supply path of alternating current into a plurality of power supply paths including at least a first power supply path, a second power supply path, and a third power supply path; at least one lead/lag circuit for shifting the alternating current of said second path to a second phase different than said first phase of said first power supply path; at least one lead/lag circuit for shifting the alternating current of said third path to a third phase different than said first phase or said second phase; and a plurality of induction motors for operating multiple vehicle systems via a three-phase alternating current power comprised of said first, second, and third paths.

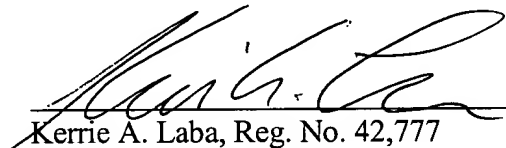
The examiner provides no explanation of how the Yamanaka reference meets claim 10. As shown above, claim 10 requires many features. The examiner provides only a general reference to column 7 and Figure 3 but no indication of how the several claimed features are met. The examiner's explanation is insufficient to support the examiner's argument that Yamanaka anticipates claim 10. Applicant respectfully requests a more detailed explanation of the examiner's rejection. Further, the features of dependent claims 11-13 are also not anticipated by Yamanaka, and Applicant requests a more detailed explanation of examiner's arguments.

Claims 1 and 10 stand rejected under 35 U.S.C. 102(e) as being anticipated by Strunk (US 6242883). The features of claims 1 and 10 are discussed above. Strunk does not disclose using three-phase alternating current generated from a direct current source to operate a plurality of vehicle systems as claimed by Applicant. The examiner provides no explanation of how the

Strunk reference meets claims 1 and 10. Claims 1 and 10 require many features. The examiner provides only a general reference to column 1 and Figure 6 but no indication of how the several claimed features are met. The examiner's explanation is insufficient to support the examiner's argument that Strunk anticipates claims 1 and 10. Applicant respectfully requests a more detailed explanation as to the specific features of Strunk that correspond to the elements of claims 1 and 10.

Thus, all claims are in condition for allowance. An indication of such is earnestly solicited. Applicant believes that no additional claim fees are due, however, if additional fees are required the Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds.

Respectfully submitted,



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CERTIFICATE OF MAIL

I hereby certify that the enclosed Amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Assistant Commissioner of Patents, Washington D.C. 20231 on this 27th day of November, 2002.


Laura Combs